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November 14, 2005

Mr. David Siebert
Director, Office of Energy
Wisconsin Department of Natural Resources
101 S. Webster Street SS/7
P.O. Box 7921
Madison, WI 53707-7921

RE: DETAILED PROJECT PLAN: DANE COUNTY ELECTRIC RELIABILITY INITIATIVE: NORTH
MADISON – HUISKAMP 138 kV TRANSMISSION PROJECT

Dear Mr. Siebert:

Enclosed you will find a detailed project plan ("Plan") offered by the American Transmission Company LLC, though its corporate manager, ATC Management Inc. (collectively "ATC"). The Plan describes a proposed project to construct a new 138 kV transmission line from the North Madison Substation to the Huiskamp Substation. The proposed transmission line would pass through the Towns of Vienna and Westport and the City of Waunakee in Dane County. Both the preferred and alternate routes use only existing corridors including road and transmission line rights-of-way. The project is known as the North Madison – Huiskamp 138 kV Transmission Project. Attached is a map depicting the route alternatives and the environmental features in the project area.

ATC is submitting this Plan in accordance with the requirements in Wis. Stat. § 196.491(3)(a). This plan is being provided to the Wisconsin Department of Natural Resources ("DNR") at least 60 days before ATC plans to file the corresponding application for a Certificate of Public Convenience and Necessity ("CPCN") with the Public Service Commission of Wisconsin ("PSC"). ATC requests that within 30 days after receipt of this plan, the Department provide ATC with a listing of all DNR permits or approvals, which on the basis of the information contained in this plan, appear to be required to construct the transmission facility. ATC, consistent with Wis. Stat. § 30.025(1s), will, within 20 days after receiving the list, apply for all DNR permits and approvals identified in the listing.

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If you have any questions concerning this project or require additional information to complete your review, please contact me at (608) 877-3670.

Sincerely,

A handwritten signature in blue ink, appearing to read "Amy Lee", with a stylized flourish at the end.

Amy Lee
Environmental Project Manager

Enc.

cc: Glenn Zimmermann, Regulatory Project Manager, ATC
Bob Sier, Project Manager, ATC
Steven Fix, PSC

American Transmission Company LLC

DANE COUNTY ELECTRIC RELIABILITY INITIATIVE NORTH MADISON - HUISKAMP 138 kV TRANSMISSION PROJECT

DETAILED PROJECT PLAN UNDER WIS. STAT. § 196.491(3)(a)

In accordance with Wis. Stat. § 196.491(3)(a), the American Transmission Company LLC, by its corporate manager, ATC Management Inc. (collectively "ATC") submits this detailed project plan ("Plan"). This Plan is being provided to the Wisconsin Department of Natural Resources ("Department" or "DNR") at least 60 days before ATC will file the corresponding application for a Certificate of Public Convenience and Necessity ("CPCN") with the Public Service Commission of Wisconsin ("PSC"). ATC requests that within 30 days after receipt of this Plan, the Department provide ATC with a listing of all DNR permits or approvals, which, on the basis of the information contained in this Plan, appear to be required to construct the transmission facilities. ATC, consistent with Wis. Stat. § 30.025(1s), will, within 20 days after receiving the list, apply for all DNR permits and approvals identified in the listing.

Final design for a specific route has not yet been completed. All distances, widths, and descriptions listed below are estimates, and are subject to change based upon final route selection and line design.

Description of Project and Potential Impacts

1. Project description to satisfy Wis. Stat. §196.491(3)(a)3.a.

Nature of facility (Circle all that apply) Transmission line Substation Transmission line plus substation(s)

Nominal Voltage 138 kV
Number of circuits 1
Approximate length 8.5 – 8.7 miles

Structure Type (Circle all that apply) Single pole H-frame Lattice tower

End Points	Preferred Route Start	End	Alternate Route Start	End
Facility name	North Madison Substation	Huiskamp Substation	North Madison Substation	Huiskamp Substation
Geographic location	Town of Vienna, WI	Town of Westport, WI	Town of Vienna, WI	Town of Westport, WI

2. Right-of-way (ROW) requirements

	Preferred Route	Alternate Route
LENGTH		
Total	8.7 miles	8.5 miles
New vs. existing transmission line ROW	7.9 miles new/ 0.8 miles existing ROW	6.3 miles new/ 2.2 miles existing ROW
WIDTH		
Proposed	80 feet	80 feet
CORRIDOR SHARING		
Total miles shared corridor	100%	100%
Existing 13877 Transmission line	0.8 miles with 80 or fewer feet additional needed	0 miles with 0 feet additional needed
Existing Y132 T-line and Railroad	0 miles with 0 feet additional needed	2.2 miles with 0 feet additional needed
Existing pipeline	0 miles with 0 feet additional needed	0 miles with 0 feet additional needed
Highway	2.3 miles with 45 feet additional needed	0 miles with 0 feet additional needed
Local Road	5.4 miles with 45 feet additional needed	6.3 miles with 45 feet additional needed
Recreational Trail	0 miles with 0 feet additional needed; No underground miles	0 miles with 0 feet additional needed; No underground miles

3. Permitting and construction schedules

Anticipated DNR Utility Permit application submittal date	1/4/06
Anticipated CPCN Application submittal date	1/16/06
Anticipated Commission approval date	8/06
Anticipated DNR Utility Permit issuance date	9/06
Anticipated start of construction	9/07
Anticipated in-service date	6/08

4. Potential environmental impacts

Please check the responses that apply to each route. If a response is not clear at the time the Project Plan is prepared, use the most conservative response (generally yes) and explain the situation in the space at the bottom of the following table.

	Preferred Route	Alternate Route
Will any recreational areas/trails be affected?	N	N
Will construction activities disturb more than one acre of land?	Y	Y
Will there be construction in wetlands?	Y	Y
Will there be fill placed in wetlands? (est. acres of fill)	Y (<0.01 acres)	Y (<0.01 acres)
Will temporary bridges over waterways be required for construction?	N	Y ¹
Will any fill, poles, or facilities be placed in wetlands or waterways below the ordinary high water mark?	N	N
Will more than 10,000 square feet of land be graded or removed within 300 feet of a waterway?	N	N
Will there be any discharge of water from excavations during construction?	Y ²	Y ²
Are any threatened, endangered or species of special concern or habitats potentially affected by the project?	Y ³	Y ³

Explanations:

¹The Alternate Route has waterways that may require the use of temporary bridges. Development of construction access plans may determine that these bridges are not necessary.

²It is unknown at this time if or where construction excavations will require dewatering.

³Records of threatened, endangered, or special concern species have been identified within 2 miles of each route. Further study is being conducted to determine the likely presence of such species. ATC will attempt to utilize construction practices that avoid impacts to any of these species that is likely to be present.

Because these facilities are transmission, ATC believes that they do not have the potential for significant air pollution or air quality impacts, will not generate solid waste or have an impact on solid waste disposal capacity, and will not impact natural resources in addition to those identified in the table above.

List of Needed Permits

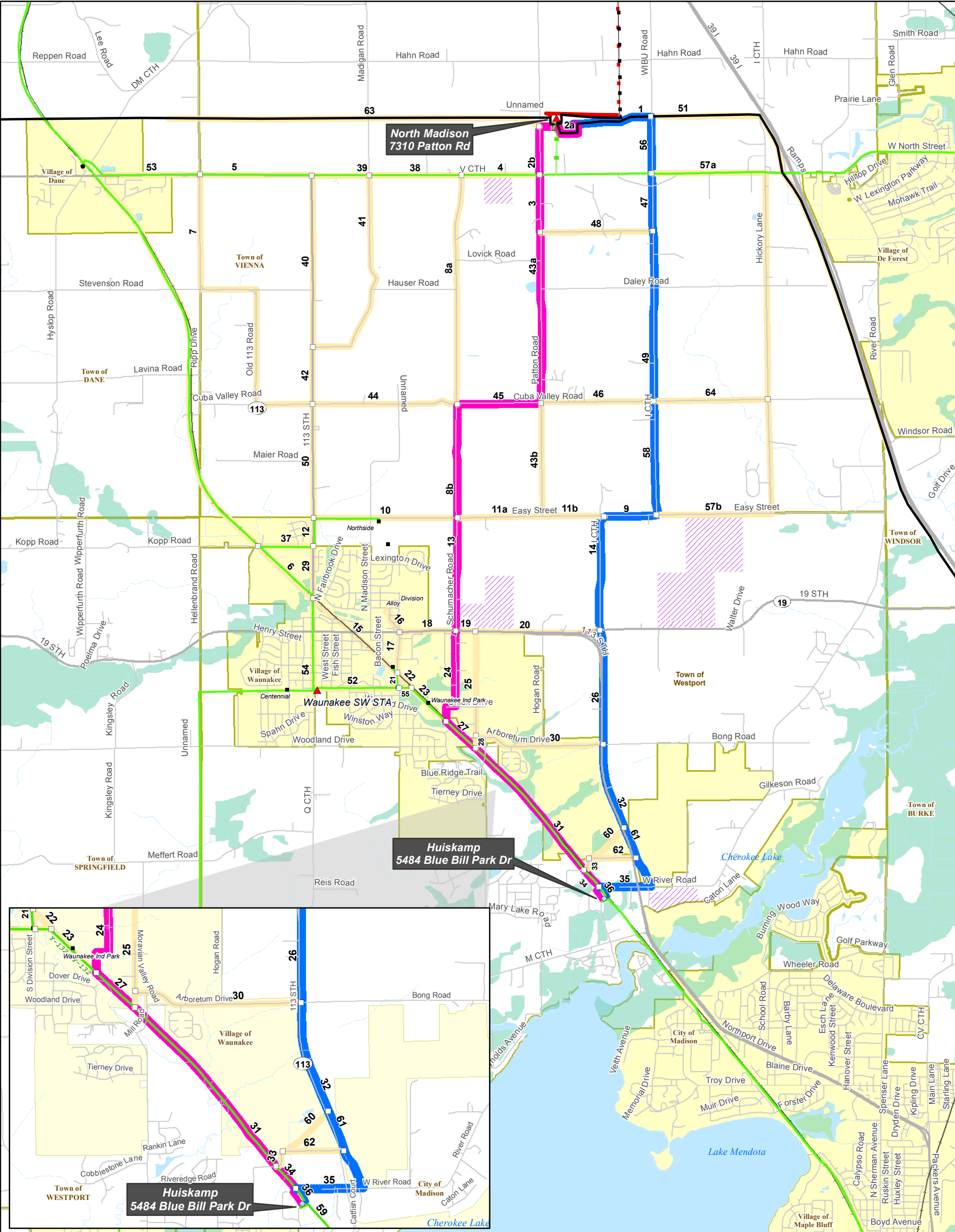
Based on the information presented above, ATC understands that the permits checked in the table below will be required to construct the proposed project. This list is based on the routes and information known at the time of this submission.


DNR permit	Preferred Route	Alternate Route
Wis. Stat. Chapter 30	N	Y
U.S. Army Corps of Engineers § 404	Y	Y
U.S. Army Corps of Engineers § 10	N	N
Wetland Water Quality Certification (Wis. Stat. § 281.36, Wis. Admin. Code Chapters NR 103 & NR 299)	Y	Y
WPDES for pit/trench de- watering (Wis. Stat. Chapter 283)	N	N
Construction Stormwater (Wis. Stat. Chapter 283, Wis. Admin. Code Chapters NR 216 & NR 151)	Y	Y
Threatened & Endangered Incidental Take (Wis. Stat. § 29.604)	N	N

Graphic Submission

In order to provide additional information about the proposed project, ATC is including with this submission a map that identifies the following features:

- Proposed route alternatives
- Project end points
- Cities/towns
- Major water features such as rivers, streams, and lakes
- WWI wetlands
- Federal, state, and public land
- Other major environmental features not identified in the above list





NORTH MADISON - HUISKAMP 138 kV TRANSMISSION PROJECT

Proposed Routes

Preferred Route

Alternate Route

Segment Identifier

Segment Node

Previously Studied Segments

Existing Transmission Lines

69 kV

Single Circuit

Double Circuit

138 kV

Single Circuit

Double Circuit

345 kV

Single Circuit

Double Circuit

DNR Wetland

Federal, State or Public Land

Transmission Sites

- Joint Owned Substation Assets Conveyed to ATC
- Municipal or Distribution
- ATC Owned Substation
- Joint Owned Substation Assets Retained by LDC

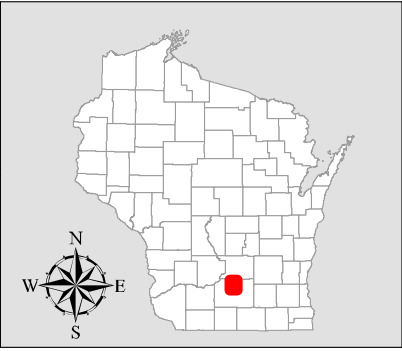
PROPOSED ROUTES

NOVEMBER 2005

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1 0.5 0 1

Miles



Base Map Data Sources: ATC, DNR, PSC, Dane County LIO.

The information presented in this map document is advisory and is intended for reference purposes only. American Transmission Company owned and operated facility locations are approximate.